CLAIMS

1. Compounds of general formula (I) characterized in that they correspond either to formula I_A

$$R_4$$
 R_5
 R_6
 R_7
 R_7

5 in which

 R_1

represents a lower alkyl radical;

R₂, R₃, R₄ and R₅

represent, independently, H, halo or -OSO₂R₁₀;

 R_6

represents H, a linear or branched alkyl radical containing 1 to 12 carbon atoms optionnally substituted by one or more halo radicals indentical or different, lower hydroxy alkyl, lower alkoxy lower alkyl, a cycloalkyl, lower cycloalkyl alkyl, nitro, halo, -(CH₂)_mSiR₇R₈R₉ radical, or an aryl substituted or non substituted or lower aryl alkyl radical substituted or non substituted on the aryl group, the substituents of the aryl groups being identical or different and selected from: lower alkyl, hydroxy, halo, amino, lower alkyl amino, di(lower alkyl)amino, CF₃ or OCF₃;

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R₇, R₈ and R₉

represent, independently, a lower alkyl radical;

 R_{10}

represents a lower alkyl radical optionnally substituted by one or more halo radicals identical or different, or an aryl optionnally substituted by one or more lower alkyl radicals identical or

different;

m

is an integer comprised between 0 and 6;

it being understood that when R2 represents H

. R₆ represents a linear or branched alkyl radical containing 7 à 12 carbon atoms, $-(CH_2)_mSiR_7R_8R_9$, or an aryle group substituted by one or more substituents indentical or different and selected from di(lower alkyl)amino and OCF₃, and/or

. at least one of the radicals R_3 , R_4 and R_5 represents -OSO₂ R_{10} ;

or one of the following formulae:

- (5R)-5-ethyl-11-fluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-d/one;
- (5R)-5-ethyl-9-fluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,1 $\frac{4}{5}$ -dione;
 - (5R)-12-benzyl-5-ethyl-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-dione;
 - (5R)-12-butyl-5-ethyl-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-dione;
- 10 (5R)-5,12-diethyl-5-hydroxy 4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-dione;
 - (5R)-5-ethyl-5-hydroxy-12-phenyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine 3,15-dione;
- (5*R*)-12-cyclohexyl-5-ethyl-5-hydroxy-4,5,13,15-tetrahydro-1*H*,3*H*-oxepino [3',4':6,7] indolizino[1,2-*b*]quinoleine-3,15-dione;
 - (5R)-5-ethyl-5-hydroxy 2-(4-methylphenyl)-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,4-b]quinoleine-3,15-dione;
 - (5R)-10-chloro-5-ethyl-12-(2-fluorophenyl)-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino[3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;
- 20 (5R)-5-ethyl-9,10-diffuoro-5-hydroxy-12-phenyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9-fluor -5-hydroxy-12-phenyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino [1,2-b] quinoleine-3,15-dione;
- (5R)-12-butyl-5-ethyl-9,10-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizin ϕ [1,2-b]quinoleine-3,15-dione;
 - (5R)-12-benzyl-5 ethyl-9,10-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;

- (5R)-5-ethyl-9,10-difluoro-5-hydroxy-12-propyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino [1,2-b]quino eine-3,15-dione;
- (5R)-5,12-diethyl-9,10-difluor ϕ -5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinbleine-3,15-dione;
- 5 (5R)-5-ethyl-9,11-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-dione;
 - (5*R*)-12-butyl-5-ethyl-9,11-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1*H*,3*H*-oxepino [3',4':6,7]indolizino[1,2-*b*]quinoleine-3,15-dione;
- (5*R*)-5,12-diethyl-9,11-diflyoro-5-hydroxy-4,5,13,15-tetrahydro-1*H*,3*H*-oxepino [3',4':6,7] indolizino[1,2-*b*]quinoleine-3,15-dione;
 - (5R)-5-ethyl-5-hydroxy-1**2**-propyl-4,5,13,15-tetrahydro-1*H*,3*H*-oxepino [3',4':6,7] indolizino[1,2-*b*]quinoleine-3,15-dione;
 - (5R)-12-butyl-5-ethyl-9-fluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-h]quipoleine-3,15-dione;
- 15 (5*R*)-5,12-diethyl-9-fluoro-5-hydroxy-4,5,13,15-tetrahydro-1*H*,3*H*-oxepino [3',4':6,7] indolizino [1,2-*b*]quinoleine-3,15-dione;
 - (5R)-5-ethyl-5-hydroxy-12-isopentyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-dione;
- (5R)-5-ethyl-12-(4-1) or ophenyl)-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino [1,2-b] quinoleine-3,15-dione;
 - (5R)-12-(2,6-difluorophenyl)-5-ethyl-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizing [1,2-b] quinoleine-3,15-dione;
 - (5R)-12-(3,5-difluorophenyl)-5-ethyl-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-dione;
- 25 (5R)-5-ethyl-5-hydroxy-12-(3,4,5-trifluorophenyl)-4,5,13,15-tetrahydro-1H,3Hoxepino [3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;
 - (5R)-5-ethyl-5-hydroxy-12-(2,4,6-trifluorophenyl)-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;

- (5R)-5-ethyl-5-hydroxy-12-(2,3,5,6-tetrafluorophenyl)-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino [1,2-b]quinoleine-3,15-dione;
- (5R)-5-ethyl-5-hydroxy-12-(2,3,4,5,6)-pentafluorophenyl)-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;
- 5 (5R)-5-ethyl-9-fluoro-12-(4-fluorophenyl)-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;
 - (5R)-12-(2,6-difluorophenyl)-5-ethyl-9-fluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino [1,2-b] quinoleine-3,15-dione;
- (5*R*)-12-(3,5-difluorophenyl)-5-ethyl-9-fluoro-5-hydroxy-4,5,13,15-tetrahydro-1*H*,3*H*-oxepino [3',4':6,7]indolizino [1,2-*t*] quinoleine-3,15-dione;
 - (5R)-5-ethyl-9-fluoro-5-hydroxy 12-(3,4,5-trifluorophenyl)-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indoliz no[1,2-b]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9-fluoro-5-hydroxy-12-(2,4,6-trifluorophenyl)-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indol/ziro[1,2/b]quinoleine-3,15-dione;
- 15 (5R)-5-ethyl-9-fluoro-5-hydroxy-12-(2,3,5,6-tetrafluorophenyl)-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indollzino [1,2-b]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9-fluoro-5-hydroxy-12-(2,3,4,5,6-pentafluorophenyl)-4,5,13,15-tetrahydro-1H,3H-oxepino(3',4':6,7)indolizino(1,2-b)quinoleine-3,15-dione;
- (5R)-5-ethyl-9,10-difluorof 12-(4-fluorophenyl)-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4'.6,7]indolizino[1,2-b]quinoleine-3,15-dione;
 - (5R)-12-(2,6-difluorophenyl)-5-ethyl-9,10-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino [1,2-b]quinoleine-3,15-dione;
 - (5R)-12-(3,5-difluorophenyl)-5-ethyl-9,10-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino [1,2-b]quinoleine-3,15-dione;
- 25 (5*R*)-5-ethyl-9,10-difludro-5-hydroxy-12-(3,4,5-trifluorophenyl)-4,5,13,15-tetrahydro-1*H*,3*H*-oxepino [3',4':6,7]indolizino[1,2-*b*]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9,10-difluoro-5-hydroxy-12-(2,4,6-trifluorophenyl)-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;

- (5*R*)-5-ethyl-9,10-difluoro-5-hydroxy-12-(2),3,5,6-tetrafluorophenyl)-4,5,13,15-tetrahydro-1*H*,3*H*-oxepino [3',4':6,7]indolizino[1,2-*b*]quinoleine-3,15-dione;
- (5R)-5-ethyl-9,10-difluoro-5-hydroxy-12-(2,3,4,5,6-pentafluorophenyl)-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indo zino[1,2-b]quinoleine-3,15-dione;
- 5 (5R)-5-ethyl-9,11-difluoro-12-(4-fluorophenyl)- 5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino[3',4':6,7]indolizino [1,2-b]quinoleine-3,15-dione;
 - (5R)-12-(2,6-difluorophenyl)-5-ethyl-9,11-difluoro-5-hydroxy-4,5,13,15-tetrahydro -1H,3H-oxepino [3',4':6,7] indolizino [1,2-b]quinoleine-3,15-dione;
- (5*R*)-12-(3,5-difluorophenyl)-5-ethyl-9,11-difluoro-5-hydroxy-4,5,13,15-tetrahydro-10 1*H*,3*H*-oxepino [3',4':6,7] indolizino [1,2-*b*]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9,11-difluoro-5-hydroxy-12-(3,4,5-trifluorophenyl)-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizin ϕ [1,2-b]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9,11-difluoro-5-hydroxy-12-(2,4,6-trifluorophenyl)-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indoliz no [1,2]-b]quinoleine-3,15-dione;
- 15 (5R)-5-ethyl-9,11-difluoro-5-hydroxy/12-(2,3,5,6-tetrafluorophenyl)-4,5,13,15-tetrahydro-1H,3H-oxeping [3',4':67]indolizino[1,2-b]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9,11-difluoro-5-hydroxy-12-(2,3,4,5,6-pentafluorophenyl)-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;
- (5R)-5-ethyl-9-fluoro-5-hydroxy-12-propyl-4,5,13,15-tetrahydro-1H,3Hoxepino[3',4':6,7]indolizipo [1,2-b]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9-fluoro-5-hydroxy-12-(3,3,3-trifluoropropyl)-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9-fluoro-5-hydroxy-12-isopentyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino [1,2-H]quinoleine-3,15-dione;
- 25 (5R)-5-ethyl-9-fluoro-5-hydroxy-12-pentyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino [1,2]b]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9-fluoro- $\frac{4}{7}$ -hydroxy-12-phenethyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino [1,p-b]quinoleine-3,15-dione;

- (5R)-12-(2-cyclohexylethyl)-5-ethyl-9-fluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-dione;
- (5R)-12-(3,3-dimethylbutyl)-5-ethyl-9 fluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino [1,2-b]quinoleine-3,15-dione;
- 5 (5R)-5-ethyl-9,10-difluoro-5-hydroxy-12-propyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino [1,2-b]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9,10-difluoro-5-hydroxy-12-(3,3,3-trifluoropropyl)-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizing [1,2-b] quinoleine-3,15-dione;
- (5*R*)-5-ethyl-9,10-difluoro-5-hydr xy-12-isopentyl-4,5,13,15-tetrahydro-1*H*,3*H*-oxepino [3',4':6,7] indolizino [1,2-*p*]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9,10-difluoro-5-hydroxy-12-pentyl-4,5,13,15-tetrahydro-1H,3H-oxepino[3',4':6,7]indolizino [1,2H)quinoleine-3,15-dione;
 - (5R)-5-ethyl-9,10-difluoro-5/hydroxy-12-phenethyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino [1,2-b] quinoleine-3,15-dione;
- 15 (5R)-12-(2-cyclohexylethy) 5-ethyl-9,10-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino [1,2-b]quinoleine-3,15-dione;
 - (5R)-12-(3,3-dimethylbutyl)-5 ethyl-9,10-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3,4':6,7] indolizino [1,2-b]quinoleine-3,15-dione;
- (5R)-5-ethyl-9,11-difluoro-5-hydroxy-12-propyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]-indolizino [1,I-b]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9,11-diffuoro-5-hydroxy-12-(3,3,3-trifluoropropyl)-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9,11-diffluoro-5-hydroxy-12-isopentyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino [1,2-b]quinoleine-3,15-dione;
- (5R)-5-ethyl-9,11 difluoro-5-hydroxy-12-pentyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino [1,2-b]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9, 1-difluoro-5-hydroxy-12-phenethyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6/7] indolizino [1,2-b]quinoleine-3,15-dione;

- (5R)-12-(2-cyclohexylethyl)-5-ethyl-9,11-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino [1,2-b]quinoleine-3,15-dione;
- (5R)-12-(3,3-dimethylbutyl)-5-ethyl-9/11-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino [1/2-b]quinoleine-3,15-dione;
- 5 (5R)-12-chloro-5-ethyl-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-dione;
 - (5R)-5-ethyl-5-hydroxy-12-hydroxymethyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinole ne-3,15-dione;
- (5R)-5-ethyl-9-fluoro-5-hydroxy/12-isobutyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quino/eine-3,15-dione;
 - (5R)-5-ethyl-9-fluoro-5-hydroxy-12-neopentyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quipoleine-3,15-dione;
 - (5R)-5-ethyl-9-fluoro-12/(3-fluorophenyl)-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino [1,2-b]quinoleine-3,15-dione;
- (5R)-5-ethyl-9-fluoro-5-hydroxy-12-(4-trifluoromethylphenyl)-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4' 6,7]indolizino[1,2-b]quinoleine-3,15-dione;
 - (5R)-12-[4-(tert-butyl)phenyl]-5-ethyl-9-fluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-dione;
- (5R)-5-ethyl-9,11-difluoro-5-hydroxy-12-propyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,L-b]quinoleine-3,15-dione;
 - (5R)-12-(2-ethoxyethyl)-5-ethyl-9,11-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] inflolizino[1,2-b]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9,10,1-trifluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizin[1,2-b]quinoleine-3,15-dione;
- or the salts thereof.

2. Compounds of general formula (II_A)

in which

 R_1

represents a lower alkyl radical;

R₂, R₃, R₄ and R₅

represent, independently, H, a halogen atom or -OSO₂R₁₀;

represents H, a linear or branched alkyl radical containing 1 to 12 carbon/atoms optionnally substituted by one or more halo radicals indentical or different, lower hydroxy alkyl, lower alkoxy lower alkyl, a cycloalkyl, lower cycloalkyl alkyl, nitro, halo, -(CH₂)_mSiR₇R₈R₉ radical, or an aryl substituted or non substituted aryl alkyl radical substituted or non substituted on the aryl group, the substituents of the aryl groups being identical or different and selected from: a lower alkyl, a hydroxy group, halo, aming lower alkyl amino, di(lower alkyl)amino, CF₃ or OCF₃;

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15 R₇, R₈ and R₉

 R_{10}

represent, independently, a lower alkyl radical;

represents a lower alkyl radical optionnally substituted by one or more halo radicals identical or different, or an aryl optionnally susbtituted by one or more lower alkyl radicals identical or different;

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is an integer comprised between 0 and 6;

and characterized in that

- . at least one ϕ f the radicals R₂, R₃, R₄ or R₅ represents -OSO₂R₁₀, and/or
- . R₆ represents a linear or branched alkyl radical containing 7 à 12 carbon atoms, -(CH₂)_mS/R₇R₈R₉, or an aryle group substituted by one or more substituents indentical/or different and selected from di(lower alkyl)amino and OCF3, and/or

or the salts thereof.



- 3. Compounds according to claim \mathcal{H} or 2 in which R_1 represents an ethyl radical.
- **4.** Compounds of formula II_A according to claim 2 or 3 and corresponding to the following formulae:
- (5R)-5-ethyl-8-fluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9,10-difluoro-5-hydroxy-12-(2-trimethylsilylethyl)-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;
 - (5R)-5-ethyl-5-hydroxy-12-(2-trimethylsilylethyl)-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-dione;
- (5*R*)-12-decyl-5-ethyl-9-fluoro-5-hydroxy-4,5,13,15-tetrahydro-1*H*,3*H*-oxepino [3',4':6,7]indolizino [1,2-*b*]quinoleine-3,15-dione;
 - (5R)-12-decyl-5-ethyl-9,10-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino [1,2-b]quinoleine 3,15-dione ;
- (5*R*)-12-decyl-5-ethyl-9,11-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1*H*,3*H*-oxepino [3',4':6,7]indolizino [1,2-*b*]quinoleine 3,15-dione;
 - (5*R*)-5-ethyl-9-fluoro-5-hydroxy-12-(4-trifluoromethoxyphenyl)-4,5,13,15-tetrahydro-1*H*,3*H*-oxepino[3',4':6,7]indolizino[1,2-*b*]quinoleine-3,15-dione;
 - (5R)-12-(4-dimethylaminophenyl)-5-ethyl-9-fluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino[3',4':6,7]indolizino[1L2-L3]quinoleine-3,15-dione;
- 20 (5R)-5-ethyl-9-fluoro-5-hydroxy-3,15-dioxo-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinolein-10-yl trifluorometanesulfonate.
 - 5. Compounds of formula II_A according to claim 4 and corresponding to the following formulae:
- (5R)-5-ethyl-9,10-difluoro-5-hydroxy-12-(2-trimethylsilylethyl)-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino [1,2-b]quinoleine-3,15-dione;
 - (5R)-5-ethyl-5-hydroxy-12-(2-trimethylsilylethyl)-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-dione.
 - 6. Compounds of formula I according to claim 1 and corresponding to the following formulae:

- (5R)-5-ethyl-11-fluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino [1,2-b]quinoleine-3,15-dione;
- (5R)-5-ethyl-9-fluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-dione;
- 5 (5*R*)-12-benzyl-5-ethyl-5-hydroxy-4,5,13,15-tetrahydro-1*H*,3*H*-oxepino [3',4':6,7] indolizino[1,2-*b*]quinoleine-3,15 $_{1}$ dione;
 - (5R)-12-butyl-5-ethyl-5-hydroxy 1 4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-dione;
- (5*R*)-5,12-diethyl-5-hydroxy-4,5,13,15-tetrahydro-1*H*,3*H*-oxepino [3',4':6,7] indolizino[1,2-*b*]quinoleine-3,15-dione;
 - (5R)-5-ethyl-5-hydroxy-12-phenyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-dione;
 - (5R)-12-cyclohexyl-5-ethyl-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-dione;
- 15 (5R)-5-ethyl-5-hydroxy-12-(4-methylphenyl)-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-dione;
 - (5R)-10-chloro-5-ethyl-12-(2-fluorophenyl)-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino[3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;
- (5*R*)-5-ethyl-9,10-difluoro-5-hydroxy-12-phenyl-4,5,13,15-tetrahydro-1*H*,3*H*-oxepino [3',4':6,7]indolizino[1,2-*b*]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9-fluoro-5-hydroxy-12-phenyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;
 - (5R)-12-butyl-5-ethyl-9,10-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;
- 25 (5*R*)-12-benzyl-5-ethyl-9,10-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1*H*,3*H*-oxepino [3',4':6,7]indolizino[1,2-*b*]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9,10-difluoro-5-hydroxy-12-propyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;

- (5R)-5,12-diethyl-9,10-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;
- (5R)-5-ethyl-9,11-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine- $\frac{1}{3}$,15-dione;
- 5 (5R)-12-butyl-5-ethyl-9,11-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;
 - (5R)-5,12-diethyl-9,11-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-dione;
- (5*R*)-5-ethyl-5-hydroxy-12-propyl-4,5,13,15-tetrahydro-1*H*,3*H*-oxepino [3',4':6,7] indolizino[1,2-*b*]quinoleine-3,15-dione;
 - (5R)-12-butyl-5-ethyl-9-fluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino [1,2-b] quinoleine-3,15-dione;
 - (5R)-5,12-diethyl-9-fluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino [1,2-b]quinoleine-3,15-dione;
- (5*R*)-5-ethyl-5-hydroxy-12-isopentyl-4,5,13,15-tetrahydro-1*H*,3*H*-oxepino [3',4':6,7] indolizino[1,2-*b*]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9-fluoro-12-(4-fluorophenyl)-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino [1,2-b]quinoleine-3,15-dione;
- (5*R*)-12-(3,5-difluorophenyl)-5-ethyl-9-fluoro-5-hydroxy-4,5,13,15-tetrahydro-1*H*,3*H*-oxepino [3',4':6,7]indolizino [1,2-*b*] quinoleine-3,15-dione;
 - (5R)-5-ethyl-9-fluoro-5-hydroxy-12-phenethyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino [1,2-b]quinoleine-3,15-dione;
 - (5R)-12-chloro-5-ethyl-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-dione;
- (5*R*)-5-ethyl-5-hydroxy-12-hydroxymethyl-4,5,13,15-tetrahydro-1*H*,3*H*-oxepino [3',4':6,7] indolizino[1,2-*b*]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9-fluoro-5-hydroxy-12-isobutyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-dione;

- (5R)-5-ethyl-9-fluoro-5-hydroxy-12-neopentyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-dione;
- (5R)-5-ethyl-9-fluoro-12-(3-fluorophenyl)-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,P-D]quinoleine-3,15-dione;
- 5 (5R)-5-ethyl-9-fluoro-5-hydroxy-12-(4-trifluoromethylphenyl)-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;
 - (5R)-12-[4-(tert-butyl)phenyl]-5-ethyl-9-fluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-dione;
- (5R)-5-ethyl-9,11-difluoro-5-hydroxy-12-propyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quino[eine-3,15-dione;
 - (5R)-12-(2-ethoxyethyl)-5-ethyl- $\frac{1}{2}$,11-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2- $\frac{1}{2}$]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9,10,11-trifluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-dione;
- 7. Compounds of formula I according to claim 6 and corresponding to the following formulae:
 - (5R)-5-ethyl-9-fluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-dione;
- (5*R*)-5,12-diethyl-9,10-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1*H*,3*H*-oxepino [3',4':6,7]indolizino[1,2-*b*]quinoleine 3,15-dione;
 - (5R)-5-ethyl-9,11-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-dione;
 - (5R)-5,12-diethyl-9-fluoro-5-hydroxy-4,5;13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino [1,2-b]quinoleine-3,15-dione;
- 25 (5R)-5-ethyl-9-fluoro-12-(4-fluorophen'yl)-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;
 - (5R)-12-(3,5-difluorophenyl)-5-ethyl-9-fluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino [1,2-b] quinoleine-3,15-dione;

- (5R)-5-ethyl-9-fluoro-5-hydroxy-12-phenethyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino [1,2-b]quinoleine-3,15-dione;
- (5R)-12-chloro-5-ethyl-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-dione;
- 5 (5R)-5-ethyl-9-fluoro-12-(3-fluorophenyl)-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2+b]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9-fluoro-5-hydroxy-12-(4-trifluoromethylphenyl)-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino [1,2-b]quinoleine-3,15-dione;
- (5*R*)-5-ethyl-9,11-difluoro-5-hydroxy-12-propyl-4,5,13,15-tetrahydro-1*H*,3*H*-oxepino [3',4':6,7] indolizino[1,2-*b*]quino|eine-3,15-dione;
 - (5R)-12-(2-ethoxyethyl)-5-ethyl-9,11-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2- β]quinoleine-3,15-dione;

or the salts thereof.

- 8. Compounds of formula I according to claim 1 and corresponding to the following formulae:
 - (5R)-5-ethyl-9-fluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-diqne;
 - (5R)-5-ethyl-9,10-difluoro-5-hydroxy-12-phenyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinoleine (3,15-dione;
- 20 (5R)-5-ethyl-9-fluoro-5-hydroxy-12-phenyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;
 - (5R)-12-butyl-5-ethyl-9,10-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinoleine-3,\(5\)-dione ;
- (5*R*)-12-benzyl-5-ethyl-9,10-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1*H*,3*H*-oxepino [3',4':6,7]indolizino[1,2-*b*]quinoleine-3,13-dione;
 - (5R)-5-ethyl-9,10-difluoro-5-hydroxy-12-propyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;
 - (5R)-5,12-diethyl-9,10-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;

- (5R)-5-ethyl-9,10-difluoro-5-hydroxy-12-(2-trimethylsilylethyl)-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;
- (5R)-5-ethyl-9,11-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-dione;
- 5 (5R)-12-butyl-5-ethyl-9,11-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-dione;
 - (5R)-5,12-diethyl-9,11-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-dione;
- (5*R*)-12-butyl-5-ethyl-9-fluoro-5-hydroxy-4,5,13,15-tetrahydro-1*H*,3*H*-oxepino [3',4':6,7] indolizino[1,2-*b*]quinoleine-3,15-dione;
 - (5R)-5,12-diethyl-9-fluoro-5-hydroxy-4,5,13,15-tetrahydro-1*H*,3*H*-oxepino [3',4':6,7] indolizino [1,2-*b*]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9-fluoro-12-(4-fluorophenyl)-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino[3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;
- (5R)-12-(2,6-difluorophenyl)-5-ethyl-9-fluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino[3',4':6,7]indolizino [1,2-b] quinoleine-3,15-dione;
 - (5R)-12-(3,5-difluorophenyl)-5-ethyl-9-fluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino[3',4':6,7]indolizino [1,2-b] quinoleine-3,15-dione;
- (5*R*)-5-ethyl-9-fluoro-5-hydroxy-12-(3,4,5-trifluorophenyl)-4,5,13,15-tetrahydro-1*H*,3*H*-oxepino [3',4':6,7]indolizino[1,2-*b*]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9-fluoro-5-hydroxy-12-(2,4,6-trifluorophenyl)-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9-fluoro-5-hydroxy-12-(2,3,5,6-tetrafluorophenyl)-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;
- 25 (5R)-5-ethyl-9-fluoro-5-hydroxy-12- $(2\sqrt{3},4,5,6$ -pentafluorophenyl)-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9,10-difluoro-12-(4-fluorophenyl)-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;

- (5R)-12-(2,6-difluorophenyl) 5-ethyl-9,10-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino[3',4':6,7]indoli χ ino [1,2-b]quinoleine-3,15-dione;
- (5R)-12-(3,5-difluorophenyl)-5 ethyl-9,10-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino[3',4':6,7]indolizino [1,2-b]quinoleine-3,15-dione;
- 5 (5*R*)-5-ethyl-9,10-difluoro-5-hydroxy-12-(3,4,5-trifluorophenyl)-4,5,13,15-tetrahydro-1*H*,3*H*-oxepino [3',4':6,7]indolizino[1,2-*b*]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9,10-difluoro-5-hydroxy-12-(2,4,6-trifluorophenyl)-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;
- (5*R*)-5-ethyl-9,10-difluoro-5-hydroxy-12-(2,3,5,6-tetrafluorophenyl)-4,5,13,15tetrahydro-1*H*,3*H*-oxepino [3',4':6,7]indolizino[1,2-*b*]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9,10-difluoro-5-hydroxy-12-(2,3,4,5,6-pentafluorophenyl)-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6, $\Tilde{7}$]indolizino[1,2-b]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9,11-difluoro-12-(4-fluorophenyl)- 5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino[3',4':6,7]indolizino [1,2-b]quinoleine-3,15-dione;
- 15 (5R)-12-(2,6-difluorophenyl)-5-ethyl-9,11-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino[3',4':6,7]indolizino [1\,2-b]quinoleine-3,15-dione;
 - (5R)-12-(3,5-difluorophenyl)-5-ethyl-(5R),11-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1(5R)-12-(3,5-difluorophenyl)-5-ethyl-(5R)-12-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1(5R)-13-difluorophenyl)-5-ethyl-(5R)-13-difluorophenyl)-5-ethyl-(5R)-13-difluorophenyl)-5-ethyl-(5R)-13-difluorophenyl)-5-ethyl-(5R)-13-difluorophenyl)-5-ethyl-(5R)-13-difluorophenyl)-5-ethyl-(5R)-13-difluorophenyl)-5-ethyl-(5R)-13-difluorophenyl)-5-ethyl-(5R)-13-difluorophenyl)-5-ethyl-(5R)-13-difluorophenyl)-5-ethyl-(5R)-13-difluorophenyl)-5-ethyl-(5R)-13-difluorophenyl)-5-ethyl-(5R)-13-difluorophenyl)-5-ethyl-(5R)-13-difluorophenyl)-5-ethyl-(5R)-13-difluorophenyl)-5-ethyl-(5R)-13-difluorophenyl)-5-ethyl-(5R)-13-difluorophenyl)-5-ethyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-13-difluorophenyl-(5R)-1
- (5*R*)-5-ethyl-9,11-difluoro-5-hydroxy-1/2-(3,4,5-trifluorophenyl)-4,5,13,15-tetrahydro-1*H*,3*H*-oxepino [3',4':6,7]indolizino[1,2-*b*]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9,11-difluoro-5-hydroxy-12 $\frac{1}{2}$ (2,4,6-trifluorophenyl)-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9,11-difluoro-5-hydroxy-12-(2,3,5,6-tetrafluorophenyl)-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;
- 25 (5*R*)-5-ethyl-9,11-difluoro-5-hydroxy-12-(2\3,4,5,6-pentafluorophenyl)-4,5,13,15-tetrahydro-1*H*,3*H*-oxepino [3',4':6,7]indolizino[1,2-*b*]quinoleine-3,15-dione.
 - (5R)-5-ethyl-9-fluoro-5-hydroxy-12-propyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino [1,2-b]quinoleine-3,15-dione;

- (5R)-5-ethyl-9-fluoro-5-hydroxy-12(3,3,3-trifluoropropyl)-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;
- (5R)-5-ethyl-9-fluoro-5-hydroxy-12-is pentyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino [1,2-b]quinoleine-3,15-dione;
- 5 (5R)-5-ethyl-9-fluoro-5-hydroxy-12-pentyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino [1,2-b]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9-fluoro-5-hydroxy-12-phenethyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino [1,2-b]quinoleine-3,15-dione;
- (5R)-12-decyl-5-ethyl-9-fluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino [1,2-b]quinoleine-3,15-dione;
 - (5R)-12-(2-cyclohexylethyl)-5-ethyl-9-fluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino[3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;
 - (5R)-12-(3,3-dimethylbutyl)-5-ethyl-9-fluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino[3',4':6,7]indolizino [1,2-b]quinoleine-3,15fdione;
- (5R)-5-ethyl-9,10-difluoro-5-hydroxy-12-propyl-4,5,13,15-tetrahydro-1H,3H-oxepino[3',4':6,7]indolizino [1,2-b]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9,10-difluoro-5-hydroxy-12-(3,3,3-trifl)toropropyl)-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinoleine-\$,15-dione;
- (5R)-5-ethyl-9,10-difluoro-5-hydroxy-12-isopentyl-4, $\frac{1}{2}$,13,15-tetrahydro-1H,3Hoxepino[3',4':6,7]indolizino [1,2-b]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9,10-difluoro-5-hydroxy-12-pentyl-4,5,13,15-tetrahydro-1H,3H-oxepino[3',4':6,7]indolizino [1,2-b]quinoleine-3,15-dione
 - (5R)-5-ethyl-9,10-difluoro-5-hydroxy-12-phenethyl-4,5,1 β ,15-tetrahydro-1H,3H-oxepino[3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;
- 25 (5R)-12-decyl-5-ethyl-9,10-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino[3',4':6,7]indolizino [1,2-b]quinoleine-3,15-dione;
 - (5R)-12-(2-cyclohexylethyl)-5-ethyl-9,10-difluoro-5-hydroxy $\{4,5,13,15\text{-tetrahydro-}1H,3H\text{-oxepino}[3',4':6,7]\text{indolizino}[1,2-b]$ quinoleine-3,15-dione;

- (5R)-12-(3,3-dimethylbutyl)-5-ethyl-9,10-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino[3',4':6,7]indol\zino [1,2-b]quinoleine-3,15-dione;
- (5R)-5-ethyl-9,11-difluoro-5-hydroxy-12-propyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quindleine-3,15-dione;
- 5 (5*R*)-5-ethyl-9,11-difluoro-5-hydroxy-12-(3,3,3-trifluoropropyl)-4,5,13,15-tetrahydro-1*H*,3*H*-oxepino [3',4':6,7]indolizino[1,2-*b*]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9,11-difluoro-5-hydroxy-12-isopentyl-4,5,13,15-tetrahydro-1H,3H-oxepino[3',4':6,7]indolizino [1,2- ϕ]quinoleine-3,15-dione;
- (5*R*)-5-ethyl-9,11-difluoro-5-hydroxy-12-pentyl-4,5,13,15-tetrahydro-1*H*,3*H*-oxepino [3',4':6,7]indolizino [1,2-*b*]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9,11-difluoro-5-hydroxy-12-phenethyl-4,5,13,15-tetrahydro-1H,3H-oxepino[3',4':6,7]indolizino [1,2-b]quinoleine-3,15-dione;
 - (5R)-12-decyl-5-ethyl-9,11-difluoro 5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino[3',4':6,7]indolizino [1,2-b]quinoleine-3,15-dione;
- 15 (5R)-12-(2-cyclohexylethyl)-5-ethyl- $\frac{4}{7}$,11-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino[3',4':6,7]indolizino [1, $\frac{2}{7}$ -b]quinoleine-3,15-dione;
 - (5R)-12-(3,3-dimethylbutyl)-5-ethyl-9, 1-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino[3',4':6,7]indolizino [1,2-b]quinoleine-3,15-dione;
- (5*R*)-12-chloro-5-ethyl-5-hydroxy-4,5,13,15-tetrahydro-1*H*,3*H*-oxepino [3',4':6,7]indolizino[1,2-*b*]quinoleine-3,15-dione;
 - (5R)-5-ethyl-5-hydroxy-12-hydroxymethyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9-fluoro-5-hydroxy-12-isobutyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-dione;
- 25 (5R)-5-ethyl-9-fluoro-5-hydroxy-12-neopentyl-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-dione;
 - (5R)-5-ethyl-9-fluoro-12-(3-fluorophenyl)-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinoleine-3,1 $\frac{1}{3}$ -dione;

(5R)-5-ethyl-9-fluoro-5-hydroxy-12-(4-trifluoromethyphenyl)-4,5,13,15-tetrahydro-1H,3H-oxepino[3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;

(5R)-5-ethyl-9-fluoro-5-hydroxy-12-(4-trifluoromethoxyphenyl)-4,5,13,15-tetrahydro-1H,3H-oxepino[3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;

5 (5R)-12-(4-dimethylaminophenyl)-5-ethyl-9-fluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino[3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;

(5R)-12-[4-(tert-butyl)phenyl]-\$-ethyl-9-fluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H- oxepino [3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;

(5*R*)-5-ethyl-9,11-difluoro-5-hydroxy-12-propyl-4,5,13,15-tetrahydro-1*H*,3*H*-oxepino [3',4':6,7]indolizino[1,2-*b*]quinoleine-3,15-dione;

(5R)-12-(2-ethoxyethyl)-5-ethyl-9,11-difluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7]indolizino[1,2-b]quinoleine-3,15-dione;

(5R)-5-ethyl-9,10,11-trifluoro-5-hydroxy-4,5,13,15-tetrahydro-1H,3H-oxepino [3',4':6,7] indolizino[1,2-b]quinoleine-3,15-dione;

(5*R*)-5-ethyl-9-fluoro-5-hydroxy-3, 5-dioxo-4,5,13,15-tetrahydro-1*H*,3*H*-oxepino [3',4':6,7]indolizino[1,2-*b*]quinolein-[0-yl trifluorometanesulfonate;

or the salts of the latter.

9. Process for the preparation of compounds of formula (III)

20 in which

R₁ represents a lower alkyl radical;

R₂, R₃, R₄ and R₅ represent, independently, H, a halogen atom or -OSO₂R₁₀;

R₆ represents a linear or branched alkyl radical containing 1 to 12 carbon atoms optionnally substituted by one or more halo

radicals indentical or different, lower hydroxy alkyl, lower alkoxy lower alkyl, lower cycloalkyl alkyl, -(CH₂)_mSiR₇R₈R₉ radical, or lower aryl alkyl radical substituted or non substituted on the aryl group, the substituents being identical or different and selected from: a lower alkyl, a hydroxy group, halo, amino, lower alkyl amino, di(lower alkyl)amino, CF₃ or OCF₃;

R₇, R₈ and R₉

represent, independently, a lower alkyl radical;

 R_{10}

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represents a lower alkyl radical optionnally substituted by one or more halo radicals identical or different, or an aryl optionnally susbtituted by one or more lower alkyl radicals identical or different;

m

is an integer comprised between 0 and 6;

said process characterized in that a compound of formula

in which R₁, R₂, R₃, R₄ and R₅ have the meaning indicated above, is treated in a strongly acid medium in the presence of an iron (III) salt and a precursor of the free radical R₆, by a solution containing hydroxide or alkoxide radicals.

10. As medicament, a compound of formula (I) or (II_A) according to claims 1 to 8 or a therapeutical salt thereof.

11. As medicament, a compound of formula (PII) according to claim 9, or a therapeutical salt thereof.

12. Pharmaceutical compositions containing at least one of the compounds as defined in claims 1 to 8 as an active ingredient.

13. Use of the compounds according to claims 1 to 8 for the preparation of medicaments intended to inhibit topoisomerases, and more particularly the topoisomerases of type I or of type II.

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- 14. Use of the compounds according to claims 1 to 8 for the preparation of medicaments to treat tumors.
- 15. Use of the compounds according to claims 1 to 8 for the preparation of medicaments intended to treat viral infections or diseases.
- 5 16. Use of the compounds according to claims 1 to 8 for the preparation of medicaments intended to treat parasitic infections.
 - 17. As a new industrial product, a compound of general formula M

wherein R₁ represents a lower alky radical.

- 18. Process for the preparation of a compound of formula M according to claim 17, said process including the following successive stages:
 - a racemic ester represented below

in which R₁ has the meaning indicated in claim 17, R is a lower alkyl and Z a protective group of the alcohol function is converted to the corresponding carboxylic acid;

- this compound is then subjected to an operation which separates the enantiomers, known to the person skilled in the art under the name of resolution and which allows an enantiomerically enriched compound of general formula

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to be obtained, in which R₁ and Z have the meaning indicated above;

- the alcohol function of the compound of general formula A is then deprotected to produce the product of general formula

in which R₁ has the meaning indicated above

- the compound of general formula **B** is cyclized in order to obtain the compound of general formula

in which R₁ has the meaning indicated above,

- finally, the methoxy group of the compound of general formula C is converted to carbonyl in order to obtain a compound of general formula

in which R₁ has the meaning indicated above.

and Be

ada >